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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,088	03/12/2004	Shinya Haraguchi	8524	
7590 08/12/2004			EXAMINER	
Jay H. Maioli			KIM, AHSHIK	
Cooper & Dunh	am			
1185 Avenue of	the Americas	ART UNIT	PAPER NUMBER	
New York, NY 10036			2876	
		DATE MAILED: 08/12/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Entensive of the many be available under the provision of 3 CFR 1.310(a). In ore want, however, may a reply be timely filled Entensive of the period for reply specified above is less than thirty (30 days, a reply within the subatory minimum of birty (30) days, and the considered simely. If the period for reply specified above is less than thirty (30 days, a reply within the subatory fill of the mailing date of this communication reply is specified above. The manufaction as the subatory price of the period part of the mailing date of this communication. Failure to reply within the set or estanded period for reply will, by statistic, cause the application to become ABANDONED (35 U.S.C. § 133). Responsive to communication(s) filled on 3/12/04 (Preliminary Amendment). 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 5-9 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filled on 12 March 2004 Is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.38(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Pri		Application No.	Applicant(s)				
Anshik kim 2876 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address - Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. If the period for reply specified shows is less than thinly (30) days, and possible the period of reply specified and the state 31x (9) downs, the maximum standard period will appear and will be considered timely. If the period for reply specified shows is less than thinly (30) days, and possible the period for reply specified and period will be considered timely. If the period for reply specified shows in the maximum data of period will be considered timely. If the period for reply specified shows in the set mainting date of the communication. If the period for reply specified shows in the set mainting date of the communication of this communication. If the period for reply specified shows the maximum date of the maximum date of the communication. If the period for reply specified shows the maximum date of the maximum date of the communication, even if transplined and of this communication. Any period for the advention is FINAL. 2b) ☑ This action is non-final. 3) ☑ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☑ Claim(s) § 29 Is/are pending in the application. 4) ☑ Claim(s) § 29 Is/are allowed. 5) ☑ Claim(s) ☐ Is/are allowed. 6) ☑ Claim(s) ☐ Is/are allowed. 6) ☑ Claim(s) ☐ Is/are allowed. 7) ☑ Claim(s) ☐ Is/are allowed. 8) ☑ Claim(s) ☐ Is/are allowed. 8) ☑ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 1) ☑ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 2) ☑ Acknowledgement is made of a claim		10/799,088	HARAGUCHI, SHINYA				
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THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be waited under the provision of 3°CFR 1.13(6). In no event, however, may a raply be timely filed after SX (8) MOSTINS from the mailing date of this communication. Justine 100 (1) MOSTINS from the mailing date of this communication, only waitin the databory minimum of thiny (80) days will be considered timely. If No period for raply is specified above, the maximum statushory priorid waiting the statushory minimum of the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ARANDONED (38 U.S. 6; 133). Any reply received by the Office stern the three monimis after the mailing date of this communication, even if timely filed, may reduce any venture plant term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 3/12/04 (Preliminary Amendment). 2a) This action is FINAL. 2b) This action is FINAL. 2b) This action is FINAL. 2b) This action is FINAL. 2c) This action is FINAL. 2c) This action is FINAL. 2d) This action is filed the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) Self are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) Self are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to by the Examiner. 10) The drawing(s) filed on 12 March 2004 is/are: a) cacepted or b) objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 12 March 2004 is/are: a) cacepted of the drawing(s) be obtained to the proving of the proving documents have been received in Application or form PTO-152. Priority under 35 U.S.C. § 119 11) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some *c) Honoreoff the priority documents have been received in Application	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address				
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DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file under parent application 09/108345.

Preliminary Amendment

2. Receipt is acknowledged of the preliminary amendment filed on March 12, 2004. In the amendment, claims 1-4 were canceled, and claims 5-9 were newly added. Currently, claims 5-9 remain for examination.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 4. Claims 5, 6, and 9 are rejected under 35 U.S.C. 102(e) as being anticipated Pieterse et al. (US 5,714,741, hereinafter "Pieterse").

Re claims 5, 6, and 9, Pieterse teaches a method and the apparatus for processing data in a potable terminal 13 having an interface 1 for connecting with an integrated circuit (IC) card (11) (see abstract; col. 2, lines 37+; col. 4, lines 3+). The device allows users to consummate

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financial transaction (col. 1, lines 26+) where the users are required to enter identification information (col. 1, lines 39+). The identification number such as PIN number can be either entered or stored in the interface device or in the IC card (col. 5, line 62 – col. 6, line 8). The card information such as remaining balance is updated (col. 6, line 66 – col. 7, line 13; col. 10, lines 1-13). As shown in figure 6, the interface device and the host (or the secure module) communicate in asynchronous fashion (meaning that one sends the command, and the other acknowledges and responds to the command).

Claim Rejections - 35 USC § 103

- 5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
 - 6. Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pieterse et al. (US 5,714,741) in view of Zuppicich (US 6,213,392, hereinafter "Zuppicich"). The teachings of Pieterse have been discussed above.

Pieters, however, fails to specifically teach or fairly suggest the result of writing operation is checked for error condition, which includes producing a buzzer sound.

Zuppicich teaches a smart card and smart card interface system (see abstract), comprising, among other things, a buzzer (col. 6, lines 33+). The audible buzzer is activated in error condition which includes write command (see table 6, and various other tables).

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In view of Zuppicich's teaching, it would have been obvious to an ordinary skill in the art at the time the invention was made to employ well-known error-handling routine including an audible sound to the teachings of Pieters in order to let the users know the result of operation in user-friendly manner. Use of alerting means (i.e, blinking LED or buzzer sound) when the operations are not successfully performed is generally known in the art. Such feature can be particularly useful when the card interface and remote device interact in asynchronous manner in that one device has to receive or acknowledged d of the other device. Accordingly, incorporating user-alerting or user-prompting means such as a buzzer so that users can fix the error condition would have been an obvious expedient, well within one ordinary skill in the art.

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Conclusion

- I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Takami et al. (US 6,016,956); Hoshino et al. (US 5,936,220); Yoshida (US 5,012,076); Tannenbaum (US 5,521,363); Raspotnik (US 5,832,090); Tanaka (US 5,845,069) disclose IC card systems. Applicant is respectfully suggested to carefully review these references.
- II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Ahshik Kim* whose telephone number is (571)272-2393. The examiner can normally be reached between the hours of 6:00AM to 3:00PM Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (571)272-2398. The fax number directly to the Examiner is (571)273-2393. The fax phone number for this Group is (703)872-9306.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [ahshik.kim@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly

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set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

Ahshik Kim

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Patent Examiner

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August 6, 2004